

Motor Vehicle/Pedestrian Crashes

Summary of Motor Vehicle/Pedestrian Crashes

Crashes			Fatalities			Injuries		
Fatal	Injury	Total	Vehicle Occupants	Pedestrians	Total	Vehicle Occupants	Pedestrians	Total
17	606	623	0	17	17	21	625	646

Pedestrian Injury Severity

Pedestrian Severity	Number	Percent
Fatal	17	2.65%
Major (Incapacitating)	116	18.07%
Minor (Bruises & Abrasions)	346	53.89%
Possible (Complaint of Pain)	163	25.39%
Total	642	100.00%



Pedestrian Fatalities & Injuries by Gender

Pedestrian's Gender	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Female	8	47.06%	249	39.84%	257	40.03%
Male	9	52.94%	376	60.16%	385	59.97%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Age

Pedestrian's Age	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 21						
14 & Under	5	29.41%	229	36.64%	234	36.45%
15	0	0.00%	24	3.84%	24	3.74%
16	0	0.00%	8	1.28%	8	1.25%
17	0	0.00%	15	2.40%	15	2.34%
18	0	0.00%	23	3.68%	23	3.58%
19	0	0.00%	9	1.44%	9	1.40%
20	0	0.00%	11	1.76%	11	1.71%
Total Under 21	5	29.41%	319	51.04%	324	50.47%
All Ages						
14 & Under	5	29.41%	229	36.64%	234	36.45%
15 to 24	1	5.88%	130	20.80%	131	20.40%
25 to 34	2	11.76%	59	9.44%	61	9.50%
35 to 44	0	0.00%	66	10.56%	66	10.28%
45 to 54	2	11.76%	43	6.88%	45	7.01%
55 to 64	3	17.65%	37	5.92%	40	6.23%
65 to 74	2	11.76%	15	2.40%	17	2.65%
75 & Over	2	11.76%	23	3.68%	25	3.89%
Unknown	0	0.00%	23	3.68%	23	3.58%
Total	17	100.00%	625	100.00%	642	100.00%

Total percentages for under age 21 are based on total for all ages.

Motor Vehicle/Pedestrian Crashes

Pedestrian Fatalities & Injuries by Condition

Pedestrian Condition	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	9	52.94%	365	58.40%	374	58.26%
Physical Defect	0	0.00%	22	3.52%	22	3.43%
Fatigued	1	5.88%	31	4.96%	32	4.98%
Apparently Asleep	0	0.00%	1	0.16%	1	0.16%
Drinking-Impaired	7	41.18%	206	32.96%	213	33.18%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Color of Clothing

Pedestrian's Color of Clothing	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Light	6	35.29%	203	32.48%	209	32.55%
Dark	11	64.71%	220	35.20%	231	35.98%
Unknown	0	0.00%	202	32.32%	202	31.46%
Total	17	100.00%	625	100.00%	642	100.00%

Pedestrian Fatalities & Injuries by Pedestrian Action

Pedestrian Action	Pedestrians					
	Fatalities		Injuries		Total	
	Number	Percent	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	17	2.72%	17	2.65%
Crossing, Non-Crosswalk	4	23.53%	127	20.32%	131	20.40%
Walking on Roadway	4	23.53%	13	2.08%	17	2.65%
Soliciting Rides	0	0.00%	2	0.32%	2	0.31%
Walking with Traffic	1	5.88%	20	3.20%	21	3.27%
Walking Against Traffic	0	0.00%	11	1.76%	11	1.71%
Crossing with Signal	1	5.88%	34	5.44%	35	5.45%
Crossing in Crosswalk	0	0.00%	67	10.72%	67	10.44%
From Between Parked Cars	0	0.00%	29	4.64%	29	4.52%
Ran onto Roadway	2	11.76%	71	11.36%	73	11.37%
Directing Traffic	0	0.00%	3	0.48%	3	0.47%
Playing on Roadway	1	5.88%	17	2.72%	18	2.80%
Lying/Sitting on Road	0	0.00%	3	0.48%	3	0.47%
Push/Work on Vehicle	0	0.00%	14	2.24%	14	2.18%
Getting On/Off Vehicle	1	5.88%	21	3.36%	22	3.43%
Construction Project	0	0.00%	4	0.64%	4	0.62%
Walking Off Roadway	1	5.88%	23	3.68%	24	3.74%
Unknown	2	11.76%	149	23.84%	151	23.52%
Total	17	100.00%	625	100.00%	642	100.00%

Motor Vehicle/Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances in Pedestrian Crashes

Driver/Vehicle Related Contributing Circumstances	Drivers/Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
None Apparent	8	40.00%	326	44.54%	334	49.55%
Ran Traffic Signal	0	0.00%	8	1.09%	8	1.19%
Ran Stop Sign	0	0.00%	3	0.41%	3	0.45%
Passed Stopped School Bus	0	0.00%	1	0.14%	1	0.15%
Improper Passing	0	0.00%	2	0.27%	2	0.30%
Left of Center, Not Passing	1	5.00%	3	0.41%	4	0.59%
FTYROW From Stop Sign	0	0.00%	1	0.14%	1	0.15%
FTYROW Making Left Turn	0	0.00%	4	0.55%	4	0.59%
FTYROW From Driveway	0	0.00%	1	0.14%	1	0.15%
FTYROW From Parked Position	0	0.00%	3	0.41%	3	0.45%
FTYROW to Pedestrian	1	5.00%	70	9.56%	71	10.53%
Too Fast for Conditions	0	0.00%	5	0.68%	5	0.74%
Exceeding Speed Limit	0	0.00%	3	0.41%	3	0.45%
Drag Racing	0	0.00%	1	0.14%	1	0.15%
Improper Turn	0	0.00%	1	0.14%	1	0.15%
Improper Lane Change	0	0.00%	2	0.27%	2	0.30%
Following Too Close	0	0.00%	1	0.14%	1	0.15%
Disregarded Warning Signal	0	0.00%	3	0.41%	3	0.45%
Reckless Driving	0	0.00%	14	1.91%	14	2.08%
Improper Backing	0	0.00%	9	1.23%	9	1.34%
Illegal/Improper Parking	0	0.00%	5	0.68%		0.00%
Failure to Control Vehicle	0	0.00%	28	3.83%		0.00%
Inattentive/Distracted	1	5.00%	44	6.01%		0.00%
Confused	0	0.00%	5	0.68%	5	0.74%
Vision Obscured	3	15.00%	18	2.46%	21	3.12%
Oversized/Loaded Vehicle	0	0.00%	1	0.14%	1	0.15%
Inexperienced Driver	0	0.00%	8	1.09%	8	1.19%
Other	2	10.00%	55	7.51%	57	8.46%
Unknown	4	20.00%	107	14.62%	111	16.47%
Total	20	100.00%	732	100.00%	674	100.00%

Up to two circumstances may be listed for each driver/vehicle in a crash.

Driver's Physical Condition in Pedestrian Crashes

Driver's Physical Condition	Drivers					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Apparently Normal	14	77.78%	487	80.76%	501	80.68%
Physical Defect	0	0.00%	3	0.50%	3	0.48%
Fatigued	0	0.00%	1	0.17%	1	0.16%
Apparently Asleep	0	0.00%	1	0.17%	1	0.16%
Illness	0	0.00%	1	0.17%	1	0.16%
Under Medication	0	0.00%	1	0.17%	1	0.16%
Infirmities of Age	0	0.00%	3	0.50%	3	0.48%
Drinking-Not Impaired	0	0.00%	13	2.16%	13	2.09%
Drinking-Impaired	1	5.56%	22	3.65%	23	3.70%
Drugs	0	0.00%	2	0.33%	2	0.32%
Other	0	0.00%	6	1.00%	6	0.97%
Unknown	3	16.67%	63	10.45%	66	10.63%
Total	18	100.00%	603	100.00%	621	100.00%

NOTE: More than one driver may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Driver's Vision Obstruction in Pedestrian Crashes

Driver's Vision Obstruction	Drivers					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
No Obstruction	13	72.22%	402	66.67%	415	66.83%
Vegetation	0	0.00%	2	0.33%	2	0.32%
Buildings	0	0.00%	1	0.17%	1	0.16%
Hillcrest	0	0.00%	1	0.17%	1	0.16%
Parked Vehicle	1	5.56%	46	7.63%	47	7.57%
Moving Vehicle	1	5.56%	24	3.98%	25	4.03%
Person/Object in/on Vehicle	0	0.00%	8	1.33%	8	1.29%
Blinded by Sun/Headlights	1	5.56%	24	3.98%	25	4.03%
Frosted Windows	0	0.00%	2	0.33%	2	0.32%
Blowing Snow	0	0.00%	6	1.00%	6	0.97%
Fog/Smoke/Dust	0	0.00%	7	1.16%	7	1.13%
Other	1	5.56%	16	2.65%	17	2.74%
Unknown	1	5.56%	64	10.61%	65	10.47%
Total	18	100.00%	603	100.00%	621	100.00%

NOTE: More than one driver may be involved in a pedestrian crash.

Vehicle's Traffic Controls in Pedestrian Crashes

Traffic Controls	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
No Controls	16	84.21%	465	68.69%	481	69.11%
Signals	1	5.26%	107	15.81%	108	15.52%
Stop Signs	0	0.00%	49	7.24%	49	7.04%
Yield Signs	0	0.00%	2	0.30%	2	0.29%
Warning Sign	0	0.00%	3	0.44%	3	0.43%
School Signals	0	0.00%	1	0.15%	1	0.14%
Railroad Warning Signs	1	5.26%	3	0.44%	4	0.57%
Pease Officer	0	0.00%	3	0.44%	3	0.43%
Other	1	5.26%	9	1.33%	10	1.44%
Unknown	0	0.00%	35	5.17%	35	5.03%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Vehicle's Posted Speed Limit in Pedestrian Crashes

Posted Speed Limit	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Under 25 mph	0	0.00%	52	7.68%	52	7.47%
25 mph	4	21.05%	276	40.77%	280	40.23%
30 mph	2	10.53%	84	12.41%	86	12.36%
35 mph	0	0.00%	88	13.00%	88	12.64%
40 mph	1	5.26%	3	0.44%	4	0.57%
45 mph	0	0.00%	12	1.77%	12	1.72%
50 mph	1	5.26%	3	0.44%	4	0.57%
55 mph	10	52.63%	35	5.17%	45	6.47%
65 mph	1	5.26%	10	1.48%	11	1.58%
Unknown	0	0.00%	114	16.84%	114	16.38%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Motor Vehicle/Pedestrian Crashes

Vehicle Action in Pedestrian Crashes

Vehicle Action	Vehicles					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Going Straight	13	68.42%	413	61.00%	426	61.21%
Turning Left	2	10.53%	65	9.60%	67	9.63%
Turning Right	0	0.00%	43	6.35%	43	6.18%
Changing Lanes	1	5.26%	8	1.18%	9	1.29%
Merging	0	0.00%	2	0.30%	2	0.29%
Parking	0	0.00%	3	0.44%	3	0.43%
Slowing/Stopping	0	0.00%	9	1.33%	9	1.29%
Backing	1	5.26%	35	5.17%	36	5.17%
Stopped for Sign/Signal	0	0.00%	4	0.59%	4	0.57%
Stopped in Traffic	0	0.00%	4	0.59%	4	0.57%
Properly Parked	0	0.00%	29	4.28%	29	4.17%
Improperly Parked	2	10.53%	4	0.59%	6	0.86%
Unattended Moving Vehicle	0	0.00%	2	0.30%	2	0.29%
Other	0	0.00%	27	3.99%	27	3.88%
Unknown	0	0.00%	29	4.28%	29	4.17%
Total	19	100.00%	677	100.00%	696	100.00%

NOTE: More than one vehicle may be involved in a pedestrian crash.

Rural/Urban Classification in Pedestrian Crashes

Rural/Urban	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Rural	10	58.82%	112	18.48%	122	19.58%
Urban	7	41.18%	494	81.52%	501	80.42%
Total	17	100.00%	606	100.00%	623	100.00%

Location on Roadway in Pedestrian Crashes

Location on Roadway	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
On Roadway	16	94.12%	550	90.76%	566	90.85%
Shoulder	1	5.88%	15	2.48%	16	2.57%
Median	0	0.00%	4	0.66%	4	0.64%
Roadside or Ditch	0	0.00%	12	1.98%	12	1.93%
Outside Right of Way	0	0.00%	22	3.63%	22	3.53%
Unknown	0	0.00%	3	0.50%	3	0.48%
Total	17	100.00%	606	100.00%	623	100.00%

Motor Vehicle/Pedestrian Crashes

Weather Conditions in Pedestrian Crashes

Weather Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Clear	9	45.00%	434	65.66%	443	65.05%
Cloudy	7	35.00%	128	19.36%	135	19.82%
Fog	0	0.00%	7	1.06%	7	1.03%
Mist	0	0.00%	24	3.63%	24	3.52%
Rain	3	15.00%	20	3.03%	23	3.38%
Sleet/Hail	0	0.00%	2	0.30%	2	0.29%
Snow	1	5.00%	15	2.27%	16	2.35%
Strong Wind	0	0.00%	12	1.82%	12	1.76%
Other	0	0.00%	4	0.61%	4	0.59%
Unknown	0	0.00%	15	2.27%	15	2.20%
Total	20	100.00%	661	100.00%	681	100.00%

Up to two weather conditions may be listed for each crash.

Light Conditions in Pedestrian Crashes

Light Conditions	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Daylight	5	29.41%	426	70.30%	431	69.18%
Dusk	0	0.00%	14	2.31%	14	2.25%
Dawn	1	5.88%	7	1.16%	8	1.28%
Darkness, Lighted	3	17.65%	130	21.45%	133	21.35%
Darkness, Not Lighted	8	47.06%	29	4.79%	37	5.94%
Total	17	100.00%	606	100.00%	623	100.00%

Time of Day in Pedestrian Crashes

Time of Day	Crashes					
	Fatal		Injury		Total	
	Number	Percent	Number	Percent	Number	Percent
Midnight to 2:59 a.m.	1	5.88%	23	3.80%	24	3.85%
3:00 a.m. to 5:59 a.m.	3	17.65%	9	1.49%	12	1.93%
6:00 a.m. to 8:59 a.m.	2	11.76%	66	10.89%	68	10.91%
9:00 a.m. to 11:59 a.m.	2	11.76%	54	8.91%	56	8.99%
Noon to 2:59 p.m.	0	0.00%	104	17.16%	104	16.69%
3:00 p.m. to 5:59 p.m.	4	23.53%	185	30.53%	189	30.34%
6:00 p.m. to 8:59 p.m.	3	17.65%	94	15.51%	97	15.57%
9:00 p.m. to 11:59 p.m.	2	11.76%	64	10.56%	66	10.59%
Unknown	0	0.00%	7	1.16%	7	1.12%
Total	17	100.00%	606	100.00%	623	100.00%

Alcohol-Related Motor Vehicle/Pedestrian Crashes

Alcohol-related crashes are more apt to occur—and **more likely to be reported**—in fatal crashes than in nonfatal crashes. In Iowa, drivers who are involved in fatal crashes are not required by law to submit to an alcohol test; therefore, Iowa alcohol-related crash statistics should not be compared to states where an alcohol test is mandatory. Testing for alcohol is based on *probable cause* as determined by the investigating officer. More than one driver may be tested for alcohol use in any particular crash. Care should be used in comparing the yearly percentages of alcohol-related fatal crashes due to fluctuations in the number of reports received.

An alcohol-related crash is where one or more drivers/pedestrians have a blood alcohol content (BAC) of .01% or higher. Therefore, a driver or pedestrian with a BAC between .000% and .009% is counted as *not drinking*, a driver or pedestrian with a BAC between .01% and .09% is counted as *drinking, not impaired*, and a driver or pedestrian with a BAC .1% and higher is counted as *drinking, impaired*.

Alcohol-Related Pedestrian Fatalities, Injuries & Crashes

Type	Fatalities			Injuries			Crashes		
	Non-Pedestrians	Pedestrians	Total	Non-Pedestrians	Pedestrians	Total	Fatal	Injury	Total
Number									
Alcohol	0	2	2	3	79	82	2	76	78
Non-Alcohol	0	15	15	18	546	564	15	530	545
Total	0	17	17	21	625	646	17	606	623
Percent									
Alcohol	0.00%	11.76%	11.76%	14.29%	12.64%	12.69%	11.76%	12.54%	12.52%
Non-Alcohol	0.00%	88.24%	88.24%	85.71%	87.36%	87.31%	88.24%	87.46%	87.48%

Pedestrian Fatalities/Injuries by Age Group

Age Group	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	0	0.00%	6	7.59%
15	0	0.00%	3	3.80%
16	0	0.00%	2	2.53%
17	0	0.00%	4	5.06%
18	0	0.00%	6	7.59%
19	0	0.00%	2	2.53%
20	0	0.00%	2	2.53%
Total*	0	0.00%	25	31.65%
All Ages				
14 & Under	0	0.00%	6	7.59%
15 to 24	0	0.00%	27	34.18%
25 to 34	2	100.00%	14	17.72%
35 to 44	0	0.00%	13	16.46%
45 to 54	0	0.00%	12	15.19%
55 to 64	0	0.00%	5	6.33%
65 to 74	0	0.00%	0	0.00%
75 & Over	0	0.00%	0	0.00%
Unknown	0	0.00%	2	2.53%
Total	2	100.00%	79	100.00%

Under age 21 percentages are based on total for all ages.

Who Was Killed

Who Was Killed/Injured	Fatalities		Injuries	
	Number	Percent	Number	Percent
Non-Drinking Drivers	0	0.00%	2	2.44%
Drinking Drivers	0	0.00%	1	1.22%
Non-Drinking Pedestrians	0	0.00%	11	13.41%
Drinking Pedestrians	2	100.00%	68	82.93%
Total	2	100.00%	82	100.00%

Other includes passengers and non-vehicle/non-pedestrians.

Severity of Pedestrian Injuries

Injury Severity	Pedestrians	
	Number	Percent
Fatal	2	2.47%
Major (Incapacitating)	21	25.93%
Minor (Bruises & Abrasions)	44	54.32%
Possible (Complaint of Pain)	14	17.28%
Unknown	0	0.00%
Total	81	100.00%

Pedestrian Fatalities/Injuries by Gender

Gender	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Female	0	0.00%	24	30.38%
Male	2	100.00%	55	69.62%
Unknown	0	0.00%	0	0.00%
Total	2	100.00%	79	100.00%

Who Was Drinking

Who Was Drinking	Crashes			
	Fatal		Injury	
	Number	Percent	Number	Percent
Driver	1	50.00%	41	53.95%
Pedestrian	0	0.00%	11	14.47%
Driver & Pedestrian	1	50.00%	24	31.58%
Total	2	100.00%	76	100.00%

Alcohol-Related Motor Vehicle/Pedestrian Crashes

BAC of Drinking Drivers/Pedestrians

BAC (Blood Alcohol Content)	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
.000	16	22.86%	0	0.00%
.019 & Lower	2	2.86%	0	0.00%
.020 to .039	0	0.00%	2	5.56%
.040 to .079	0	0.00%	2	5.56%
.080 to .099	0	0.00%	1	2.78%
.100 & Higher	7	10.00%	15	41.67%
Unknown*	45	64.29%	16	44.44%
Total	70	100.00%	36	100.00%

Unknown is listed as alcohol-related on crash report, but BAC is listed as unknown or is blank.

Physical Condition of Drivers & Pedestrians

Physical Condition	Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Apparently Normal	11	13.58%	29	39.19%
Drinking-Not Impaired	22	27.16%	13	17.57%
Drinking-Impaired	48	59.26%	23	31.08%
Unknown	0	0.00%	9	12.16%
Total	81	100.00%	74	100.00%

Age of Drinking Drivers & Pedestrians

Age Group	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Under Age 21				
14 & Under	1	1.43%	1	2.78%
15	1	1.43%	0	0.00%
16	2	2.86%	0	0.00%
17	4	5.71%	1	2.78%
18	6	8.57%	2	5.56%
19	2	2.86%	1	2.78%
20	2	2.86%	0	0.00%
Total*	18	25.71%	5	13.89%
All Ages				
14 & Under	1	1.43%	1	2.78%
15 to 24	24	34.29%	11	30.56%
25 to 34	16	22.86%	9	25.00%
35 to 44	12	17.14%	11	30.56%
45 to 54	12	17.14%	3	8.33%
55 to 64	4	5.71%	1	2.78%
65 to 74	0	0.00%	0	0.00%
75 & Over	0	0.00%	0	0.00%
Unknown	1	1.43%	0	0.00%
Total	70	100.00%	36	100.00%

Under age 21 percentages are based on total for all ages.

Drinking Pedestrian's Action

Drinking Pedestrian's Action	Pedestrians			
	Fatalities		Injuries	
	Number	Percent	Number	Percent
Crossing Against Signal	0	0.00%	1	1.47%
Crossing, Non-Crosswalk	1	50.00%	15	22.06%
Walking on Roadway	0	0.00%	3	4.41%
Soliciting Rides	0	0.00%	1	1.47%
Walking with Traffic	0	0.00%	1	1.47%
Walking Against Traffic	0	0.00%	2	2.94%
Crossing with Signal	0	0.00%	2	2.94%
Crossing in Crosswalk	0	0.00%	6	8.82%
Ran onto Roadway	1	50.00%	7	10.29%
Playing on Roadway	0	0.00%	1	1.47%
Lying/Sitting on Road	0	0.00%	1	1.47%
Getting On/Off Vehicle	0	0.00%	7	10.29%
Walking Off Roadway	0	0.00%	7	10.29%
Unknown	0	0.00%	14	20.59%
Total	2	100.00%	68	100.00%

Gender of Drinking Drivers & Pedestrians

Gender	Drinking Pedestrians & Drivers			
	Pedestrians		Drivers	
	Number	Percent	Number	Percent
Female	21	30.00%	10	27.78%
Male	49	70.00%	26	72.22%
Unknown	0	0.00%	0	0.00%
Total	70	100.00%	36	100.00%